| Index | of Claims |
|-------|-----------|
|       |           |

| Application No. | Applicant(s)   |  |
|-----------------|----------------|--|
| 09/968,594      | MACLEAN ET AL. |  |
| Examiner        | Art Unit       |  |
| Freda A. Nelson | 3639           |  |

| <b>√</b> | Rejected |  |
|----------|----------|--|
| =        | Allowed  |  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| I | Interference |

Freda A. Nelson

| A | Appeal   |
|---|----------|
| 0 | Objected |

|  |  |    |              |  |                |              |  |  | L  |                 |
|--|--|----|--------------|--|----------------|--------------|--|--|--|-----------------|
|  |  | _  |              |  |                |              |  |  |  |                 |
| Cli  | aim  | _  |              |  |                | <u>Dat</u>   | e_   | ,  |  | ᆈ               |
| ۱_   | <u>, a</u>   | 8  |              |  |                |              |  |  |  | Ш               |
| Final  | <u>.</u>   | 8  | Ļ            |  |                |              |  |  |  |                 |
| LL.  | رة ا<br>اة   |    |              |  |                |              |  |  |  | Ш               |
|  | Original   |    | <u> </u>     | <u> </u>   | _              |              | ⊢  |  | <u> </u>   | Н               |
|  | <u> </u>   | -  | <u> </u>     |  | <u> </u>       |              | -  | -  | <del> </del>                                     | Н               |
|  | 2<br>3<br>4<br>5<br>6<br>7<br>8                          | Н  | <u> </u>     | -  | <del>  -</del> |              | <u> </u>   | <u> </u>   |  | Н               |
| ļ  | 3  | H  | _            | ┝  | -              | -            | ┝  | -  | <u> </u>   | -               |
|  | 4  | H  | H            | -  | ┝              |              | <del> </del>                                     | -  | -  | Н               |
| <u> </u>   | 5  | Н  | <u> </u>     |  |                |              | <del> </del>                                     | -  | -  |                 |
| <del> </del>                                     | 7  | +  | _            | -  | ⊢              | _            | -  | -  | -  | $\vdash$        |
| <u> </u>   | 6  | ╟  | ┝            | <del> </del>                                     | ⊢              | $\vdash$     | <del>                                     </del> | -  | ┝  | $\vdash$        |
| <u> </u>   | 9  | H  | -            | ⊢  | -              | -            | ⊢  | -  | ┝  | Н               |
| ├─-  | 10   | ╫  | -            | ⊢  | -              | -            | $\vdash$   | -  | -  | Н               |
| <del></del>                                      | 11   | H  | <del> </del> | <del>                                     </del> | -              | _            | <del>                                     </del> | $\vdash$   | -  | $\vdash \vdash$ |
| <u> </u>   | 12   | ╫  |              | -  | -              |              | $\vdash$   | $\vdash$   | -  | $\vdash \vdash$ |
| <del>                                     </del> | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>49 | +  | <del> </del> | $\vdash$   | -              | $\vdash$     | <del>                                     </del> | ╁  | $\vdash$   | $\vdash$        |
|  | 14   | H  | -            | ┢  | ╁              | -            | ┢  | <del>                                     </del> | ├  | Н               |
| <b></b>  | 15   | +  | _            | -  | $\vdash$       | -            | ├─   | $\vdash$   | $\vdash$   | $\vdash$        |
|  | 16   | +  |              | ┢  | H              | -            | ┝  | $\vdash$   | <del> </del>                                     | $\vdash$        |
|  | 17   | H  | -            | $\vdash$   | $\vdash$       | $\vdash$     | $\vdash$   | -  | <del>                                     </del> | Н               |
|  | 18   | H  | ,            | ⊢  | $\vdash$       | -            | ┝  | -  |  | Н               |
|  | 6  | Η, | /            | $\vdash$   |                | ┢            | ⊢  | -  |  | Н               |
|  | 60)  | ¥  | _            | ┨  | $\vdash$       |              | $\vdash$   | -  | _  | Н               |
|  | 21   | _  | _            | ⊢  |                | $\vdash$     |  | -  | -  | Н               |
|  | 21<br>22<br>23   | -  |              | <del> </del>                                     |                | $\vdash$     |  | _  | $\vdash$   | Н               |
| _  | 23   |    | -            | $\vdash$   |                | -            | -  |  | -  | H               |
|  | 24   |    | $\vdash$     | -  | -              |              | -  | -  | -  | Н               |
|  | 24<br>25<br>26   |    | -            | $\vdash$   | _              | ┢            |  |  | -  | H               |
| <b></b>  | 26   |    | -            | $\vdash$   |                | $\vdash$     |  |  | <b>—</b>   | Н               |
|  | 27   | -  | -            | -  |                | <del> </del> |  |  | H  | Н               |
| $\vdash$   | 27<br>28   |    | _            |  |                |              | ┢  | _  |  | М               |
|  | 29   |    | -            | _  |                | $\vdash$     |  |  | -  | Н               |
|  | 30   |    |              | _  |                | Г            |  |  | _  | М               |
|  | 31   |    | $\vdash$     |  |                | Г            | _  | _  |  | П               |
|  | 32   |    |              |  |                |              |  | <u> </u>   | Г  | М               |
|  | 32<br>33<br>34   |    |              | T  |                |              |  | Π  | Т  | П               |
|  | 34   |    |              |  |                |              |  | $\Box$   | $\Box$   | П               |
|  | 35   |    |              | Г  |                |              |  | Г  |  |                 |
|  | 35<br>36   |    |              |  |                |              |  |  |  |                 |
|  | 37   |    |              |  |                |              |  |  |  |                 |
|  | 38   |    |              |  |                |              |  |  |  |                 |
|  | 39   |    |              |  |                |              |  |  |  |                 |
|  | 40   |    |              |  |                |              |  |  |  |                 |
|  | 41   |    |              |  |                |              | L  |  |  |                 |
|  | 42   |    |              |  |                |              |  |  |  |                 |
|  | 43   |    |              |  |                |              |  |  |  |                 |
|  | 44   |    |              |  |                |              |  |  |  |                 |
|  | 45   |    |              |  |                |              |  |  |  |                 |
|  | 46   |    |              |  |                |              |  |  |  |                 |
|  | 47   |    |              |  |                |              |  |  |  |                 |
|  | 48   |    |              |  |                |              |  |  |  |                 |
|  | 49   |    |              | Ĺ  |                |              |  |  | Ĺ  |                 |
|  | 50   |    |              | I  | I              | I            |  | I  |  | 1 7             |

| Cla      | Claim    |              |          | Date   |          |  |              |              |          |              |  |  |  |
|----------|----------|--------------|----------|--|----------|--|--------------|--------------|----------|--------------|--|--|--|
| Final    | Original |              |          |  |          |  |              |              |          |              |  |  |  |
|          | 51<br>52 |              |          |  |          |  |              | _            |          |              |  |  |  |
|          | 52       |              |          |  |          |  |              |              |          |              |  |  |  |
|          | 53       |              |          |  |          |  |              |              |          |              |  |  |  |
|          | 54       |              |          |  |          |  |              |              |          |              |  |  |  |
|          | 55       |              |          |  |          |  |              |              |          |              |  |  |  |
|          | 56       |              |          |  |          |  |              |              |          |              |  |  |  |
|          | 57       |              |          |  |          |  |              |              | L        |              |  |  |  |
|          | 58       |              | <u> </u> | <u> </u>   |          |  |              | <u> </u>     | <u> </u> | <u> </u>     |  |  |  |
| ļ        | 59       | L            |          | L  | L        |  |              | _            | Ц        | L.           |  |  |  |
| <u> </u> | 60       |              |          | L.   |          |  |              | _            |          |              |  |  |  |
| ļ        | 61       |              | _        | L.   |          |  |              | <u> </u>     | <u> </u> |              |  |  |  |
| <u> </u> | 62       |              | <u> </u> | <u> </u>   | _        | L.   |              | _            | ļ        | <u> </u>     |  |  |  |
| <u> </u> | 63       |              | L.,      | <u> </u>   | _        |  |              | L_           | ļ        |              |  |  |  |
| <u> </u> | 64       | L.           | _        | <u> </u>   | $\vdash$ | <u> </u>   |              | _            | <u> </u> | <u> </u>     |  |  |  |
| -        | 65       | $\vdash$     |          | <u> </u>   | <u> </u> | <u> </u>   | L            | <u> </u>     | <u> </u> | H            |  |  |  |
| <u> </u> | 66       | _            | _        | _  | _        | _  |              | _            | <u> </u> | _            |  |  |  |
|          | 67       |              | -        | <u> </u>   |          | -  |              | <u> </u>     | -        |              |  |  |  |
| -        | 68<br>69 | -            | _        | -  | -        | <u> </u>   | -            | <u> </u>     | ├        | ┝            |  |  |  |
| -        | 70       | Ь.           | -        | <u> </u>   | -        | <u> </u>   | _            | ⊢            | ├        | ┡            |  |  |  |
| ļ        | 71       |              |          | -  | -        | _  |              | <u> </u>     | ├        | -            |  |  |  |
|          | 72       |              | -        |  |          |  |              | <b></b> -    |          |              |  |  |  |
|          | 73       | _            |          | -  |          | _  | H            | Н            | ⊢        | ┝            |  |  |  |
| -        | 74       | -            | _        | ┝  |          | —  | $\vdash$     | $\vdash$     | $\vdash$ | ⊢            |  |  |  |
|          | 74<br>75 |              |          | -  |          | -  |              |              | _        | $\vdash$     |  |  |  |
| -        | 76       |              |          | -  |          |  |              | _            | 一        | $\vdash$     |  |  |  |
|          | 76<br>77 | $\vdash$     | _        |  |          | _  | _            | _            | _        |              |  |  |  |
|          | 78       |              |          |  |          |  |              |              | _        | _            |  |  |  |
|          | 79       |              |          |  |          |  | _            |              |          |              |  |  |  |
| -        | 80       |              |          |  |          |  |              |              |          |              |  |  |  |
|          | 81       |              |          |  |          |  |              |              |          |              |  |  |  |
| -        | 82       |              |          |  |          |  |              |              |          |              |  |  |  |
|          | 83       |              |          |  |          |  |              |              |          |              |  |  |  |
|          | 84       |              |          |  |          |  |              |              |          |              |  |  |  |
|          | 85       |              |          |  |          |  |              |              |          |              |  |  |  |
| L        | 86       |              |          |  |          |  |              |              |          |              |  |  |  |
|          | 87       |              |          |  |          |  |              |              | L        | ļ            |  |  |  |
| L        | 88       |              |          |  |          |  |              |              | <u> </u> | <u> </u>     |  |  |  |
| <u> </u> | 89       |              |          |  | _        |  | Щ.           | _            | L_       | <u> </u>     |  |  |  |
| ļ        | 90       |              |          |  |          |  |              |              | <u> </u> | _            |  |  |  |
| <u> </u> | 91       |              | ļ        |  |          |  |              |              | <u> </u> | <u> </u>     |  |  |  |
| <u> </u> | 92       | <del> </del> | _        | H  | <u> </u> | <u> </u>   | -            | Ь            | <u> </u> | -            |  |  |  |
| -        | 93<br>94 | -            |          |  | -        |  |              | -            |          | ├-           |  |  |  |
| -        | 95       | $\vdash$     | _        | H  | -        |  | <del> </del> | <u> </u>     | -        | ├            |  |  |  |
| -        | 96       |              | -        | ├  |          | -  | <u> </u>     | <del> </del> | -        | ⊢            |  |  |  |
|          | 97       | -            | -        | $\vdash$   | ۱        | $\vdash$   |              | ┝            | -        | $\vdash$     |  |  |  |
|          | 98       | -            | -        | <u> </u>   |          | -  |              | ├            | $\vdash$ | <del> </del> |  |  |  |
| -        | 99       | Ι            | -        | <del>                                     </del> | -        | <del>                                     </del> | -            | Ι            | $\vdash$ | -            |  |  |  |
|          | 100      |              |          | ╁╌   | $\vdash$ |  |              |              |          | $\vdash$     |  |  |  |
| L        | .,,      |              |          |  |          |  |              |              |          |              |  |  |  |

| Cli   | aim  | Date     |          |          |               |          |              |    |   |                 |
|-------|--|----------|----------|----------|---------------|----------|--------------|----|---|-----------------|
|       |  |          | П        |          | Γ-            | <u> </u> | Г            |    | Π   | П               |
| Final | Original   |          |          |          |               |          |              |    |   |                 |
|       | 101  |          |          |          |               |          |              |    |   |                 |
|       | 101<br>102   |          |          |          |               |          |              |    |   |                 |
|       | 103  |          |          |          |               |          |              |    |   |                 |
|       | 104  |          |          |          |               |          |              |    |   |                 |
|       | 105  |          |          |          |               |          |              |    |   |                 |
|       | 106  |          |          |          |               |          |              |    |   |                 |
|       | 107  |          |          |          |               |          |              |    |   |                 |
|       | 103<br>104<br>105<br>106<br>107<br>108<br>109  |          |          |          |               |          |              |    |   |                 |
|       | 109  |          | L        | <u> </u> | <u> </u>      | L        |              |    |   | Ш               |
|       | 110  |          | L        |          | L_            |          | L            |    |   | Ш               |
|       | 111  |          |          | L        | L             | <u> </u> |              |    |   | Ш               |
|       | 112  |          | L        |          | <u> </u>      |          |              |    | $ldsymbol{le}}}}}}$ | Ш               |
|       | 110<br>111<br>112<br>113<br>114<br>115<br>116  |          |          |          | <u> </u>      | <u></u>  |              | L_ |   | Ш               |
|       | 114  |          | <u> </u> |          | _             | _        | _            | _  | _   | L.              |
|       | 115  | <u> </u> | <u> </u> | <u> </u> | <u> </u>      | L_       |              | L  | <u> </u>  | Щ               |
|       | 116  |          | <u> </u> | <u> </u> | <u> </u>      |          |              |    |   | Щ               |
|       | 117  | L        | L.,      | L        |               |          |              |    | L.  | Ц               |
|       | 118  |          | <u> </u> | <u> </u> |               |          |              |    | L   | Щ               |
|       | 117<br>118<br>119<br>120<br>121  |          | <u> </u> | L        |               |          | L            |    |   | Щ               |
|       | 120  |          | L_       | L_       | _             |          | L            |    |   | Ц               |
|       | 121  | L.,      | _        | L.       |               |          |              |    |   | Щ               |
|       | 122  | _        | <u> </u> | <u> </u> | ļ             |          | _            |    | _   | Щ               |
|       | 123  |          | _        | <u> </u> | <u> </u>      | Ш        | <u> </u>     | Щ  |   | Ш               |
|       | 124  | <u> </u> | L        | <u> </u> |               |          | L_           |    |   | Щ               |
|       | 125  | _        | <u> </u> | <u> </u> | <u> </u>      | L        | <u> </u>     | _  | <u> </u>  | Н               |
|       | 126  | Н        |          | <u> </u> | <u> </u>      |          | <u> </u>     |    | ┝   | Н               |
|       | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135 | <u> </u> | <u> </u> |          | ļ             |          | <u> </u>     |    | <u> </u>  | Н               |
|       | 128  |          |          | _        | <u> </u>      |          | <b>-</b>     |    | ⊢   | Н               |
|       | 129  |          | <u> </u> | H        | ┝             |          | $\vdash$     |    | <u> </u>  | Н               |
|       | 130  |          | _        | $\vdash$ | <u> </u>      | _        | ⊢            | _  | ⊢   | $\vdash \vdash$ |
|       | 131  | _        |          | -        | <u> </u>      |          | <u> </u>     |    | ├   | Н               |
|       | 132  | -        | _        | -        | $\vdash$      |          | ├            |    | ⊢   | $\dashv$        |
|       | 134  |          |          | -        | H             |          | -            |    | ┝   | Н               |
|       | 135  |          |          | H        | _             |          | <del> </del> |    | $\vdash$  | Н               |
|       | 136  |          |          | $\vdash$ |               |          | H            | _  |   | Н               |
|       | 136<br>137<br>138<br>139   |          |          |          |               |          | $\vdash$     | _  | ┢   | $\dashv$        |
|       | 138  | _        |          |          |               | _        | $\vdash$     | _  |   | Н               |
|       | 139  | _        |          | -        | $\vdash$      |          | $\vdash$     |    |   | Н               |
|       | 140  | -        |          |          |               |          |              |    |   | Н               |
|       | 141  |          |          |          | _             |          |              |    |   | Н               |
|       | 142  | П        | Г        |          |               |          | Г            |    | Г   | П               |
|       | 143  |          |          |          | Г             | Г        | Г            |    |   |                 |
|       | 144  |          |          | Γ        | $\overline{}$ |          |              |    |   | П               |
|       | 145  |          |          | T        |               | l        | T            | l  |   | П               |
|       | 146  |          | ļ        | T        |               | T        |              |    |   | П               |
|       | 147  |          |          |          |               |          |              |    |   | П               |
|       | 148  |          | Г        | Г        |               |          |              |    |   |                 |
|       | 149  |          |          |          |               |          |              |    |   |                 |
|       | 150  |          |          |          |               |          |              |    |   |                 |
|       |  |          | _        |          |               |          |              |    |   |                 |